

## 2013-2014 National Adult Tobacco Survey Recode Description

**Smokstatus\_r (CDC definition):** 4-level cigarette smoking status. Respondents who reported smoking at least 100 cigarettes in their entire life (smok100), and reported smoking currently everyday (smoknow) were recoded as “current everyday smokers”. Respondents who reported smoking at least 100 cigarettes in their entire life (smok100) and reported currently smoking some days (smoknow) were recoded as “current some day smokers”. Respondents who reported smoking at least 100 cigarettes in their entire life (smok100), and reported not currently smoking at all (smoknow) were recoded as “former smokers”. Respondents who answered “no” to smoking at least 100 cigarettes in their entire life (smok100) were recoded as “never smokers”. Respondents who answered “don’t know” or “refused” to smok100 or smoknow were recoded as “unknown”.

**Smokstatus2\_r (CDC definition):** 2-level cigarette smoking status. This recode combines levels from variable smokstatus\_r. Those recoded as “current everyday smokers” and “current some day smokers” were combined into “current everyday or some day smokers.” Those recoded as “former smokers” and “never smokers” were combined into “never smoker or former smoker.” Those recoded “unknown” remained “unknown.”

**Smokever\_r (CDC definition):** Ever Smoker. If respondents answered “yes” to the question “Have you ever smoked 100 cigarettes in your entire life?” (smok100) they were recoded as “yes”. If respondents answered “no” to the question “Have you ever smoked 100 cigarettes in your entire life?” (smok100), they were recoded as “no”. Missing values, “don’t know” and “refused” responses were recoded as “unknown.”

**Pipewtrever\_r:** Waterpipe/hookah ever use. If respondents answered “yes” to question “Have you ever tried smoking tobacco in a water pipe in your entire life, even one or two puffs?” (pipewtrever), recoded “yes”. If respondents answered no” to pipewtrever, they were recoded as “no”. “Don’t know” and “refused” responses were recoded as “unknown.”

**Homerules2\_r:** When asked “Not counting decks, porches, or garages, inside your home is smoking...?” (homerules2), respondents who answered “Always allowed” were recoded as “Always allowed.” Those who responded “Allowed only at some times or in some places” were recoded as “Allowed only at some times or in some places” and those who responded “Never allowed” were recoded as “Never allowed.” “Don’t know” and “refused” responses were recoded as “unknown.”

### Recalculated Variables based on skip patterns:

**Smokestatus4\_r2 (include cases for 18-29 yrs old):** 4-level cigarette smoking status. Respondents who reported smoking at least 100 cigarettes in their entire life (smok100), and reported currently smoking everyday (smoknow) were recoded as “current everyday smokers”. Respondents age 18-29 who answered “no” to smoking at least 100 cigarettes in their entire life (smok100) but reported currently smoking everyday (smoknow) were recoded as “current everyday smokers”.

Respondents who reported smoking at least 100 cigarettes in their entire life (smok100), and reported currently smoking some days (smoknow) were recoded as “current some day smokers”. Respondents age 18-29 who answered “no” to smoking at least 100 cigarettes in their entire life (smok100) but reported currently smoking some days (smoknow) were recoded as “current some day smokers”.

Respondents who reported smoking at least 100 cigarettes in their entire life (smok100), and reported not currently smoking at all (smoknow), were recoded as “former smokers”.

Respondents who reported not currently smoking at all (smoknow) or answered no to smoking at least 100 cigarettes in their entire life (smok100) were recoded as “non-smokers”. Respondents age 18-29 years old who answered “not at all” to currently smoking at all (smok100) were recoded as “non-smokers”.

Those who answered “don’t know” or “refused” to smok100 or smoknow were recoded as “unknown”.

**Smokestatus3\_r2 (include cases for 18-29 yrs old):** 3-level cigarette smoking status. Respondents who reported smoking at least 100 cigarettes in their entire life (smok100), and reported currently smoking everyday or some days (smoknow) were recoded as “current smokers”. Respondents age 18-29 years old who answered “no” to smoking at least 100 cigarettes in their entire life (smok100) but reported currently smoking everyday or some days (smoknow) were recoded as “current smokers”.

Respondents who reported smoking at least 100 cigarettes in their entire life (smok100), and reported not currently smoking at all (smoknow), were recoded as “former smokers”.

Respondents who reported not currently smoking at all (smoknow) or answered “no” to smoking at least 100 cigarettes in their entire life were recoded as “non-smokers”. Respondents age 18-29 years old who answered “not at all” to currently smoking at all (smok100) were recoded as “non-smokers”.

Respondents who answered “don’t know” or “refused” to smok100 or smoknow were recoded as “unknown”.

**Smokestatus2\_r2 (include cases for 18-29 yrs old)::** 2-level cigarette smoking status. This recode combines levels from variable smokstatus3\_r2. Those recoded as “current smokers” were kept as “current smokers.” Those recoded as “former smokers” and “non-smokers” were combined into “Non-smoker.” Those recoded as “unknown” remained “unknown.”

**Smokeever\_r2:** Ever smoker. Respondents who reported smoking at least 100 cigarettes in their entire life (smok100) were recoded as “yes”.

Respondents who were 18-29 years old and reported smoking everyday or some days (smoknow) were recoded “yes”. Respondents who answered “no” to smoking at least 100 cigarettes in their entire life (smok100) were recoded as “no”.

Respondents who were 18-29 years old and reported not currently smoking at all now (smoknow) were recoded as “no”. Respondents who answered “don’t know” and “refused” to smok100 were recoded as “unknown.”

**CCIGAR:** Current cigar use. *Based on the skip patterns, respondents were asked different questions depending on their age.*

Respondents who reported smoking cigars everyday or some days or rarely (cigar<sub>now</sub>) were recoded as “yes”. Respondents who reported smoking cigars not at all (cigar<sub>now</sub>) were recorded as “no”.

Those age 30+ and those with unknown age who answered no to smoking cigars at least 50 times in their entire life (cigar<sub>past</sub>) were recoded as “no”. Those age 18-29 who answered no to smoking cigars at least 50 times in their entire life (cigar<sub>past</sub>) were asked about current cigar use (cigar<sub>now</sub>) and were recoded based on their response to cigar<sub>now</sub>.

Those age 30+ and those with unknown age who answered “don’t know” to cigar<sub>past</sub> were recoded as “unknown”.

For all ages, those who answered “refused” to cigar<sub>past</sub> were recoded as “unknown”. Those who answered “don’t know” or “refused” to cigar<sub>now</sub> were recoded as “unknown”.

**CECIG:** Current e-cigarette use. *Based on the skip patterns, respondents were not asked different questions depending on their age.*

Respondents who reported using electronic cigarettes everyday or some days or rarely (ecig<sub>now</sub>) were recoded as “yes”. Those who reported not using electronic cigarettes at all (ecig<sub>now</sub>) or answered no to using electronic cigarettes even once (ecig<sub>ever</sub>) or answered no to ever hearing of electronic cigarettes (ecig<sub>heard</sub>) were recoded as “no”.

Those who answered “don’t know” or “refused” to ecig<sub>now</sub>, ecig<sub>heard</sub> or ecig<sub>ever</sub> were recoded as “unknown”.

**CWTRPIPE:** Current waterpipe/hookah use. *Based on the skip patterns, respondents were not asked different questions depending on their age.*

Respondents who reported smoking tobacco in a hookah everyday or some days or rarely (pipewtr<sub>now</sub>) were recoded as “yes”. Those who reported not smoking tobacco in a hookah at all (pipewtr<sub>now</sub>) or answered no to smoking tobacco in a hookah in their entire life (pipewtr<sub>ever</sub>) were recoded as “no”. Those who answered “don’t know” or “refused” to pipewtr<sub>now</sub> or pipewtr<sub>ever</sub> were recoded as “unknown”.

**CTRADPIPE:** Current traditional pipe use. *Based on the skip patterns, respondents were asked different questions depending on their age.*

Respondents who reported smoking tobacco in a regular pipe everyday or some days or rarely (piperegnow) were recoded as “yes”. Respondents who reported not smoking tobacco in a regular pipe at all (piperegnow) were recoded as “no”.

Those age 30+ and those with unknown age who answered no to smoking tobacco in a regular pipe at least 50 times in their entire life (piperegpast) were recoded as “no”. Those age 18-29 who answered no to smoking tobacco in a regular pipe at least 50 times in their entire life (piperegpast) were asked about current regular pipe use (piperegnow) and were recoded based on their response to piperegnow.

Those age 30+ and those with unknown age who answered “don’t know” to piperegpast were recoded as “unknown”.

For all ages, those who answered “refused” to piperegpast were recoded as “unknown”. Those who answered “don’t know” or “refused” to piperegnow were recoded as “unknown”.

**CSMKLS:** Current smokeless tobacco(chewing, snuff or dip) use. *Based on the skip patterns, respondents were asked different questions depending on their age.*

Respondents who reported using chewing tobacco, snuff, or dip everyday or some days or rarely (csdnow) were recoded as “yes”. Respondents who reported not using chewing tobacco, snuff or dip (Csdnow) were recoded as “no”.

Those age 30+ and those with unknown age who answered no to using chewing tobacco, snuff, or dip at least 20 times in their entire life (csdpast) were recoded as “no”. Those age 18-29 who answered no to using chewing tobacco, snuff, or dip at least 20 times in their entire life were asked about current smokeless use (csdnow) and were recoded based on their response to csdnow.

Those age 30+ and those with unknown age who answered “don’t know” to csdpast and were age 30+ or of unknown age were recoded as “unknown”.

For all ages, those who answered “refused” to csdpast were recoded as “unknown”. Those who answered “don’t know” or “refused” to csdnow were recoded as “unknown”.

**CSNUS:** Current snus use. *Based on the skip patterns, respondents were not asked different questions depending on their age.*

Respondents who reported using snus everyday or some days or rarely (snusnow) were recoded as “yes”. Those who reported not using snus at all (snusnow) or answered no to using snus even once (snusever) or answered no to ever hearing of snus (snusheard) were recoded as “no”.

Those who answered “don’t know” or “refused” to snusnow, snusheard or snusever were recoded as “unknown”.

**CDISS:** Current dissolvable use. *Based on the skip patterns, respondents were not asked different questions depending on their age.*

Respondents who reported using dissolvable tobacco products everyday or some days or rarely (dissnow) were recoded as “yes”. Those who reported not using dissolvable tobacco products (dissnow) at all or answered no to using dissolvable tobacco products even once (dissever) or answered no to ever hearing of dissolvable tobacco products (dissheard) were recoded as “no”.

Those who answered “don’t know” or “refused” to dissnow, dissever or dissheard were recoded as “unknown”.

# SAS Codes for Calculated Variables

DERIVED VARIABLE	LABEL	DERIVATION SAS CODE
AGEGRP_R	AGE GROUP RECODE	<pre> IF AGE GE 65 THEN AGEGRP_R = 6; ELSE IF AGE GE 55 THEN AGEGRP_R = 5; ELSE IF AGE GE 45 THEN AGEGRP_R = 4; ELSE IF AGE GE 35 THEN AGEGRP_R = 3; ELSE IF AGE GE 25 THEN AGEGRP_R = 2; ELSE IF AGE GE 18 THEN AGEGRP_R = 1; ELSE AGEGRP_R = 7; </pre>
RACEETHNIC, RACEETHNIC_R	RACE ETHNICITY RECODE, RACE ETHNICITY RECODE 2	<pre> IF HISPANIC = 1 THEN DO;   RACEETHNIC = 8;   RACEETHNIC_R = 5; END; ELSE IF FIND(RACEMULTI_OTH, 'HISPANIC') &gt; 0 OR FIND(RACEMULTI_OTH, 'LATIN') &gt; 0 OR FIND(RACEMULTI_OTH, 'MEXICAN') &gt; 0 THEN DO;   RACEETHNIC = 8;   RACEETHNIC_R = 5; END; ELSE DO;   ARRAY RACES (6) RACEMULTI1-RACEMULTI6;   ARRAY RR (6) R1-R6;   DO I = 1 TO 6;     RR(I) = 0;     IF RACES(I) = 1 THEN RR(I) = 1;   END;   IF SUM(OF R1-R6) &gt; 1 THEN DO;     RACEETHNIC = 7;     RACEETHNIC_R = 4;   END;   ELSE IF SUM(OF R1-R6) &lt; 1 THEN DO;     RACEETHNIC = 9;     RACEETHNIC_R = 6;   END;   ELSE IF RACEMULTI_OTH ="BIRACIAL" OR RACEMULTI_OTH ="MADE OF EVERYTHING" OR RACEMULTI_OTH ="MULTICULTURAL" OR RACEMULTI_OTH ="BLACK,WHITE,INDIAN" OR RACEMULTI_OTH ="POLISH, SPANISH" THEN DO;   _ RACEETHNIC=7;   RACEETHNIC_R=4;   ELSE IF FIND(RACEMULTI_OTH, 'INDIAN AND') &gt; 0 OR FIND(RACEMULTI_OTH, 'ALL') &gt; 0 OR </pre>

		<pre> FIND(RACEMULTI_OTH, 'BI RACIAL') &gt; 0 OR FIND(RACEMULTI_OTH, 'INDIAN AND') &gt; 0 OR FIND(RACEMULTI_OTH, 'MIXED') &gt; 0 OR FIND(RACEMULTI_OTH, 'MIX') &gt; 0 OR FIND(RACEMULTI_OTH) &gt; 0 OR FIND(RACEMULTI_OTH, 'WHITE/') &gt; 0 OR FIND(RACEMULTI_OTH, 'URASIN') &gt; 0 OR FIND(RACEMULTI_OTH) &gt; 0 OR FIND(RACEMULTI_OTH, 'SCOTT/') &gt; 0 OR FIND(RACEMULTI_OTH, 'JAPANESE/') &gt; 0 OR FIND(RACEMULTI_OTH, 'ENGLISH SCOTTISH') &gt; 0 THEN DO;   RACEETHNIC=7;   RACEETHNIC_R=4;            END; ELSE DO;   DO I = 1 TO 6;     IF RR(I) = 1 THEN RACEETHNIC = I;   END;   IF RACEETHNIC &gt; 3 THEN RACEETHNIC_R = 4;     ELSE RACEETHNIC_R = RACEETHNIC; END; END; </pre>
EDUCA2_R	EDUCATION RECODE	<pre> IF 1 LE EDUCA2 LE 8 THEN EDUCA2_R = 1; ELSE IF 9 LE EDUCA2 LE 10 THEN EDUCA2_R = 2; ELSE IF 11 LE EDUCA2 LE 13 THEN EDUCA2_R = 3; ELSE IF EDUCA2 IN (14) THEN EDUCA2_R = 4; ELSE IF 15 LE EDUCA2 LE 17 THEN EDUCA2_R = 5;  ELSE EDUCA2_R = 7; </pre>

SMOKEVER_R SMOKSTATUS_R SMOKSTATUS2_R	EVER TRIED CIGARETTES RECODE, SMOKING STATUS RECODE, SMOKING STATUS (2 LEVELS) RECODE  (CDC DEFINITION)	IF SMOK100 = 1 THEN DO; SMOKEVER_R = 1; IF SMOKNOW = 1 THEN DO; SMOKSTATUS_R = 1; SMOKSTATUS2_R = 1; END; ELSE IF SMOKNOW = 2 THEN DO; SMOKSTATUS_R = 2; SMOKSTATUS2_R = 1; END; ELSE IF SMOKNOW = 3 THEN DO; SMOKSTATUS_R = 3; SMOKSTATUS2_R = 2; END; END; ELSE IF SMOK100 = 2 THEN DO; SMOKSTATUS_R = 4; SMOKSTATUS2_R = 2; SMOKEVER_R = 2; END; ELSE DO; SMOKSTATUS_R = 5; SMOKSTATUS2_R = 3; SMOKEVER_R = 3; END;
PIPEWTREVER_R	EVER USE WATER PIPE RECODE	IF PIPEWTREVER = 1 THEN PIPEWTREVER_R = 1; ELSE IF PIPEWTREVER = 2 THEN PIPEWTREVER_R = 2; ELSE PIPEWTREVER_R = 3;
HOMERULES2_R	HOME RULES RECODE	IF 1 LE HOMERULES2 LE 3 THEN HOMERULES2_R = HOMERULES2; ELSE IF HOMERULES2 = 2 THEN HOMERULES2_R = 2; ELSE IF HOMERULES2 = 3 THEN HOMERULES2_R = 3; ELSE HOMERULES2_R = 4;
COSTPACK2_R	COST PER PACKAGE RECODE	IF 1 LE COSTPACK2 LE 20 THEN COSTPACK2_R = INT(COSTPACK2); ELSE IF COSTPACK2 < 0 THEN COSTPACK2_R = COSTPACK2;
COSTCARTON2_R	COST PER CARTON RECODE	IF 10 LE COSTCARTON2 LE 200 THEN COSTCARTON2_R = INT(COSTCARTON2/10); ELSE IF COSTCARTON2 < 0 THEN COSTCARTON2_R = COSTCARTON2;
SMOKLASTDAYS	LAST STOPPED SMOKING IN DAYS - COMBINE MULTIPLE OPTIONS - DAYS, WEEKS, MONTHS, DATE	IF SMOKLAST1 = ' THEN SMOKLASTDAYS = SMOKLSD2; ELSE IF SMOKLAST1 =2 THEN DO; IF SMOKLSW2 > 0 THEN SMOKLASTDAYS = SMOKLSW2*7; ELSE SMOKLASTDAYS = SMOKLSW2; END; ELSE IF SMOKLAST1 = ' THEN DO; IF SMOKLSM2 > 0 THEN SMOKLASTDAYS = SMOKLSM2*30;

		<pre> ELSE SMOKLASTDAYS = SMOKLSM2; END; ELSE IF SMOKLAST1 = 4 THEN DO;   IF SMOKLSY2 &lt; 0 THEN SMOKLASTDAYS = SMOKLSY2;   ELSE SMOKLASTDAYS = DATDIF(INPUT(STRIP(MONTH(LASTDATE))    '/'    STRIP(DAY(LASTDATE))    '/'    STRIP(YEAR(LASTDATE))- SMOKLSY2),MMDDYY10.),LASTDATE,'ACTUAL'); END; ELSE IF SMOKLAST1 = 888 THEN SMOKLASTDAYS = 0; ELSE IF SMOKLAST1 = 666 THEN DO;   IF SMOKL2MM &lt; 0 THEN MM = MONTH(LASTDATE);   ELSE MM = SMOKL2MM;   IF SMOKL2DD &lt; 0 THEN DO;     IF SMOKL2MM &gt; 0 THEN DD = 1;     ELSE DD = DAY(LASTDATE);   END;   ELSE DD = SMOKL2DD;   IF SMOKL2YY &gt; 0 THEN SMOKLASTDAYS = DATDIF(INPUT((STRIP(MM)    '/'    STRIP(DD)    '/'    STRIP(SMOKL2YY)),MMDDYY10.),LASTDATE,'ACTUAL');   ELSE SMOKLASTDAYS = SMOKL2YY; END; ARRAY VARIN (*) SMOKLAST1; ARRAY VAROUT (*) SMOKLASTDAYS; DO I = 1 TO DIM(VARIN);   IF VARIN (I) NOT IN (1,2,3,4,888,666) THEN VAROUT(I) = VARIN(I); END; </pre>
SMOKDLYLASTDAYS	DAYS SINCE LAST SMOKED ON A DAILY BASIS - COMBINE MULTIPLE OPTIONS - DAYS, WEEKS, MONTHS, DATE	<pre> IF SMOKDLYLAST1 = 1 THEN SMOKDLYLASTDAYS = SMOKDL2; ELSE IF SMOKDLYLAST1 = 2 THEN DO;   IF SMOKDLW2 &gt; 0 THEN SMOKDLYLASTDAYS = SMOKDLW2*7;   ELSE SMOKDLYLASTDAYS = SMOKDLW2; END; ELSE IF SMOKDLYLAST1 = 3 THEN DO;   IF SMOKDLM2 &gt; 0 THEN SMOKDLYLASTDAYS = SMOKDLM2*30;   ELSE SMOKDLYLASTDAYS = SMOKDLM2; END; ELSE IF SMOKDLYLAST1 = 4 THEN DO;   IF SMOKDLY2 &lt; 0 THEN SMOKDLYLASTDAYS = SMOKDLY2;   ELSE SMOKDLYLASTDAYS = DATDIF(INPUT(STRIP(MONTH(LASTDATE))    '/'    STRIP(DAY(LASTDATE))    '/'    STRIP(YEAR(LASTDATE))- SMOKDLY2),MMDDYY10.),LASTDATE,'ACTUAL'); </pre>

		<pre> END; ELSE IF SMOKDLYLAST1 = 888 THEN SMOKDLYLASTDAYS = 0; ELSE IF SMOKDLYLAST1 = 666 THEN DO;   IF SMOKDLMM &lt; 0 THEN MM = MONTH(LASTDATE);     ELSE MM = SMOKDLMM;   IF SMOKDLDD &lt; 0 THEN DO;     IF SMOKDLMM &gt; 0 THEN DD = 1;       ELSE DD = DAY(LASTDATE);   END;   ELSE DD = SMOKDLDD;   IF SMOKDLYY &gt; 0 THEN SMOKDLYLASTDAYS = DATDIF(INPUT((STRIP(MM)    '/'    STRIP(DD)    '/'    STRIP(SMOKDLYY)),MMDDYY10.),LASTDATE,'ACTUAL');     ELSE SMOKDLYLASTDAYS = SMOKDLYY;   END;   ARRAY VARIN (*) SMOKDLYLAST1;   ARRAY VAROUT (*)SMOKDLYLASTDAYS;   DO I = 1 TO DIM(VARIN);     IF VARIN (I) NOT IN (1,2,3,4,888,666) THEN VAROUT(I) = VARIN(I);   END; </pre>
OTHQUITDAYS	DAYS AGO COMPLETELY QUIT USING TOBACCO - COMBINE MULTIPLE OPTIONS - DAYS, WEEKS, MONTHS, DATE	<pre> IF QUITCOM1 = 1 THEN OTHQUITDAYS = QUITCMD2; ELSE IF QUITCOM1 = 2 THEN DO;   IF QUITCMW2 &gt; 0 THEN OTHQUITDAYS = QUITCMW2*7;     ELSE OTHQUITDAYS = QUITCOMW2;   END; ELSE IF QUITCOM1 = 3 THEN DO;   IF QUITCMM2 &gt; 0 THEN OTHQUITDAYS = QUITCMM2*30;     ELSE OTHQUITDAYS = QUITCMM2;   END; ELSE IF QUITCOM1 = 4 THEN DO;   IF QUITCMY2 &lt; 0 THEN OTHQUITDAYS = QUITCMY2;   ELSE OTHQUITDAYS = DATDIF(INPUT(STRIP(MONTH(LASTDATE))    '/'    STRIP(DAY(LASTDATE))    '/'    STRIP(YEAR(LASTDATE))- QUITCMY2),MMDDYY10.),LASTDATE,'ACTUAL');   END; ELSE IF QUITCOM1 = 888 THEN OTHQUITDAYS = 0; ELSE IF QUITCOM1 = 666 THEN DO;   IF QUITCMMM &lt; 0 THEN MM = MONTH(LASTDATE);     ELSE MM = QUITCMMM;   IF QUITCMDD &lt; 0 THEN DO;     IF QUITCMMM &gt; 0 THEN DD = 1;       ELSE DD = DAY(LASTDATE);   END;   ELSE DD = QUITCMDD;   IF QUITCMYY &gt; 0 THEN OTHQUITDAYS = DATDIF(INPUT((STRIP(MM)    '/'    STRIP(DD)    '/'    </pre>

		<pre> STRIP(QUITCMYY)),MMDDYY10.),LASTDATE,'ACTUAL');       ELSE OTHQUITDAYS = QUITCMYY; END;ARRAY VARIN (*)QUITCOM1; ARRAY VAROUT (*)OTHQUITDAYS; DO I = 1 TO DIM(VARIN);   IF VARIN (I) NOT IN (1,2,3,4,888,666) THEN VAROUT(I) = VARIN(I); END; </pre>
AGEGROUP5_R	AGE GROUP RECODE (5-LEVEL)	<pre> *AGE RECODE (5-LEVEL); IF 18 LE AGE LE 29 THEN AGEGROUP5_R=1; *18-29; ELSE IF 30 LE AGE LE 39 THEN AGEGROUP5_R=2; *30-39; ELSE IF 40 LE AGE LE 49 THEN AGEGROUP5_R=3; *40-49; ELSE IF 50 LE AGE LE 64 THEN AGEGROUP5_R=4; *50-64; ELSE IF 65 LE AGE LE 120 THEN AGEGROUP5_R=5; *65+; ELSE AGEGROUP5_R=7; *UNKNOWN; LABEL AGEGROUP5_R = "AGE GROUP (5-LEVEL)"; </pre>
SMOKEVER_R2	EVER SMOKER	<pre> *EVER SMOKER; IF SMOK100 IN (1) OR (18 LE AGE LE 29 AND SMOKNOW IN (1,2)) THEN SMOKEVER_R2=1; *YES; ELSE IF SMOK100 IN (2) OR (18 LE AGE LE 29 AND SMOKNOW IN (3)) THEN SMOKEVER_R2= 2; *NO; ELSE SMOKEVER_R2= 3; *UNKNOWN; LABEL SMOKEVER_R2 = "EVER SMOKER"; </pre>
SMOKESTATUS3_R2	3-LEVEL CIGARETTE SMOKER STATUS (INCLUDE CASES FOR 18-29 YRS OLD)	<pre> *CIGARETTE SMOKER STATUS; IF SMOKNOW IN (1,2) THEN SMOKESTATUS3_R2= 1; *CURRENT SMOKER; ELSE IF SMOK100 = 1 AND SMOKNOW = 3 THEN SMOKESTATUS3_R2= 2; *FORMER SMOKER; ELSE IF SMOK100 = 2 OR SMOKNOW = 3 THEN SMOKESTATUS3_R2 = 3; *NON-SMOKER; ELSE SMOKESTATUS3_R2 = 7; *UNKNOWN; LABEL SMOKESTATUS3_R2 = "SMOKER STATUS (3-LEVEL)"; </pre>
SMOKESTATUS4_R2	4-LEVEL CIGARETTE SMOKER STATUS	<pre> IF SMOKNOW IN (1) THEN SMOKESTATUS4_R2= 1; *CURRENT EVERYDAY SMOKER; ELSE IF SMOKNOW IN (2) THEN SMOKESTATUS4_R2= 2; *CURRENT SOMEDAYS SMOKER; ELSE IF SMOK100 = 1 AND SMOKNOW = 3 THEN SMOKESTATUS4_R2= 3; *FORMER SMOKER; ELSE IF SMOK100 = 2 OR SMOKNOW = 3 THEN SMOKESTATUS4_R2= 4; *NON-SMOKER; ELSE SMOKESTATUS4_R2= 7; *UNKNOWN; LABEL SMOKESTATUS4_R2= "SMOKER STATUS (4-LEVEL)"; </pre>

SMOKESTATUS2_R2	2-LEVEL CIGARETTE SMOKER STATUS	IF SMOKESTATUS3_R2 IN (1) THEN SMOKESTATUS2_R2 = 1; *CURRENT SMOKER; ELSE IF SMOKESTATUS3_R2 IN (2,3) THEN SMOKESTATUS2_R2 = 2; *NON-SMOKER; ELSE SMOKESTATUS2_R2 = 7; *UNKNOWN; LABEL SMOKESTATUS2_R2 = "SMOKER STATUS (2-LEVEL)";
CCIGAR	CURRENT CIGAR USE	*CURRENT CIGAR USE; IF CIGARNOW IN (1,2,3) THEN CCIGAR=1; *YES; ELSE IF CIGARNOW IN (4) OR CIGARPAST IN (2) THEN CCIGAR=2; *NO; ELSE CCIGAR = 3; *UNKNOWN; LABEL CCIGAR = "CURRENT CIGAR USE";
CECIG	CURRENT E-CIGARETTE USE	*CURRENT E-CIGARETTE USE; IF ECIGNOW IN (1,2,3) THEN CECIG=1; *YES; ELSE IF ECIGNOW IN (4) OR ECIGEVER IN (2) OR ECIGHEARD IN (2) THEN CECIG=2; *NO; ELSE CECIG = 3; *UNKNOWN; LABEL CECIG = "CURRENT E-CIGARETTE USE";
CWTRPIPE	CURRENT WATERPIPE/HOOKAH USE	*CURRENT WATERPIPE/HOOKAH USE; IF PIPEWTRNOW IN (1,2,3) THEN CWTRPIPE=1; *YES; ELSE IF PIPEWTRNOW IN (4) OR PIPEWTREVER IN (2) THEN CWTRPIPE=2; *NO; ELSE CWTRPIPE = 3; *UNKNOWN; LABEL CWTRPIPE = "CURRENT WATERPIPE/HOOKAH USE";
CTRADPIPE	CURRENT TRADITIONAL PIPE USE	*CURRENT TRADITIONAL PIPE USE; IF 18 LE AGE LE 29 AND PIPEREGNOW IN (-8,-7) AND PIPEREGPAST=2 THEN CTRADPIPE=3; *UNKNOWN; ELSE IF PIPEREGNOW IN (1,2,3) THEN CTRADPIPE=1; *YES; ELSE IF PIPEREGNOW IN (4) OR PIPEREGPAST IN (2) THEN CTRADPIPE=2; *NO; ELSE CTRADPIPE = 3; *UNKNOWN; LABEL CTRADPIPE = "CURRENT TRADITIONAL PIPE USE";
CSMKLS	CURRENT SMOKELESS TOBACCO(CHEWING, SNIFF OR DIP) USE	*CURRENT SMOKELESS TOBACCO USE; IF 18 LE AGE LE 29 AND CSDNOW IN (-8,-7) AND CSDPAST=2 THEN CSMKLS=3; *UNKNOWN; ELSE IF CSDNOW IN (1,2,3) THEN CSMKLS=1; *YES; ELSE IF CSDNOW IN (4) OR CSDPAST IN (2) THEN CSMKLS=2; *NO; ELSE CSMKLS = 3; *UNKNOWN; LABEL CSMKLS = "CURRENT SMOKELESS TOBACCO(CHEWING, SNIFF OR DIP) USE";

CSNUS	CURRENT SNUS USE	*CURRENT SNUS USE; IF SNUSNOW IN (1,2,3) THEN CSNUS=1; *YES; ELSE IF SNUSNOW IN (4) OR SNUSEVER IN (2) OR SNUSHEARD IN (2) THEN CSNUS=2; *NO; ELSE CSNUS = 3; *UNKNOWN; LABEL CSNUS = "CURRENT SNUS USE";
CDISS	CURRENT DISSOLVABLE USE	*CURRENT DISSOLVABLE USE; IF DISSNOW IN (1,2,3) THEN CDISS=1; *YES; ELSE IF DISSNOW IN (4) OR DISSEVER IN (2) OR DISSHEARD IN (2) THEN CDISS=2; *NO; ELSE CDISS = 3; *UNKNOWN; LABEL CDISS = "CURRENT DISSOLVABLE USE";